

United States Department of Agriculture,

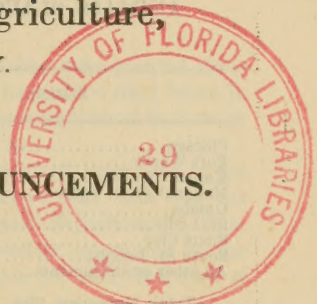
U.S. DEPOSITORY

BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

DECEMBER, 1918.



[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Name Added to List.

Dr. Charles H. Hart, Hankinson, N. Dak.

Name Removed from List.

Dr. J. A. Bovett, Chicago, Ill.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The authority of the following persons to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States has been revoked and their names removed from the list:

W. G. Bentham, Toronto, Canada.

Raoul Racicot, Toronto, Canada.

J. N. Ellah, Toronto, Canada.

H. H. Ross, Toronto, Canada.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1918.

| Station. | Cattle. | Calves. | Sheep. | Goats. | Swine. |
|-------------------------------------|------------------|----------------|------------------|---------------|------------------|
| Chicago..... | 283,667 | 36,246 | 437,013 | 2,214 | 890,068 |
| Fort Worth..... | 67,372 | 36,384 | 6,999 | 2,964 | 47,931 |
| Kansas City..... | 179,374 | 39,142 | 63,016 | 8,381 | 420,601 |
| National Stock Yards..... | 74,041 | 11,293 | 32,775 | 2,832 | 189,802 |
| Omaha..... | 101,470 | 9,483 | 116,426 | 48 | 219,505 |
| St. Louis..... | 25,426 | 3,025 | 4,041 | 291 | 133,859 |
| Sioux City..... | 35,757 | 2,264 | 33,914 | 147 | 122,504 |
| South St. Joseph..... | 59,536 | 6,069 | 43,637 | 42 | 215,077 |
| All other establishments..... | 407,112 | 128,070 | 401,571 | 1,787 | 2,040,105 |
| Total: November, 1918..... | 1,233,755 | 271,976 | 1,139,392 | 18,706 | 4,279,452 |
| November, 1917..... | 1,098,796 | 280,910 | 763,781 | 22,835 | 3,042,827 |
| 11 months ended November, 1918..... | 10,613,984 | 3,240,412 | 8,976,775 | 143,724 | 34,728,893 |
| 11 months ended November, 1917..... | 9,347,512 | 2,926,791 | 8,536,195 | 149,430 | 30,187,105 |

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November, 1918, with figures for other periods for comparison.

Imports of food animals.

| Country of export. | Cattle. | Swine. | Sheep. | Goats. |
|-------------------------------------|---------------|--------------|---------------|--------------|
| Mexico..... | 12,565 | 480 | 480 | 4,201 |
| Canada..... | 50,739 | 2,219 | 30,636 | |
| Total: November, 1918..... | 63,304 | 2,219 | 31,116 | 2,401 |
| November, 1917..... | 41,694 | 3,587 | 30,332 | 1,240 |
| 11 months ended November, 1918..... | 327,364 | 7,139 | 148,716 | 32,095 |
| 11 months ended November, 1917..... | 324,148 | 14,025 | 179,681 | 21,126 |

Imports of meats and meat food products.

| Country of export. | Fresh and refrigerated. | | Canned and cured. | Other products. | Total weights. |
|-------------------------------------|-------------------------|----------------|-------------------|-----------------|-------------------|
| | Beef. | Other. | | | |
| | Pounds. | Pounds. | Pounds. | Pounds. | Pounds. |
| Argentina..... | | | 18,105,254 | 10 | 18,105,264 |
| Australia..... | | | 66 | | 66 |
| Brazil..... | | | 1,513,056 | | 1,513,056 |
| Canada..... | 2,024,058 | 312,207 | 538,376 | 5 | 2,874,646 |
| Uruguay..... | | | 1,601,216 | | 1,601,216 |
| Other countries..... | 762,715 | | | | 762,715 |
| Total: November, 1918..... | 2,786,773 | 312,207 | 21,757,968 | 15 | 24,856,963 |
| November, 1917..... | 5,942,768 | 421,770 | 1,463,006 | 3,801,435 | 11,628,979 |
| 11 months ended November, 1918..... | 14,982,658 | 2,857,698 | 83,936,719 | 6,259,688 | 108,036,763 |
| 11 months ended November, 1917..... | 16,014,853 | 3,742,531 | 8,559,447 | 7,916,775 | 42,233,606 |

Condemned in November, 1918: Beef, 17,286 pounds; pork, 3,027 pounds.

ROLL OF HONOR.

The following are the names of former bureau employees who were granted leave to enter the military service of the United States and who have since died while in that service. Their names are recorded as an addition to those published in Service and Regulatory Announcements for November, 1918, page 96:

Arthur T. Harris, of the District of Columbia, laboratory assistant, appointed in the bureau on February 16, 1917, entered the military service May 21, 1917, and was lost with the U. S. S. *Tampa*, which was sunk in the Bristol Channel September 26, 1918.

Harold L. Campbell, of Missouri, stenographer and typewriter, appointed in the bureau on May 2, 1917, entered the military service December 16, 1917, and died of pneumonia while on foreign duty August 2, 1918.

LEAVE ALLOWED ON SEPARATION FROM THE SERVICE.

By order of the Secretary of Agriculture paragraph 46 of the Administrative Regulations is hereby amended to read as follows, effective December 1, 1918:

On separation from the department by resignation, transfer, or any other termination of appointment without prejudice, employees may, in meritorious cases, be granted accrued leave at the rate of 2½ days for each month of service since the first of the calendar year for employees in the District of Columbia and 1½ days for employees outside of the District of Columbia, except in such field offices as enjoy equal privileges under the law with employees in the District of Columbia. As a rule more than accrued leave will not be granted at the time of such separation, but the Secretary will consider a recommendation for the waiver of his limitation when the employee concerned has been in the executive civil service for three years or more, or when there are especially meritorious reasons why an exception should be made.

Whether employees dismissed from the service for cause shall be allowed accrued leave is a matter to be determined by the Secretary, upon the recommendation of the chief of bureau concerned, according to the circumstances in each case. An employee dismissed from the service for cause may be required, in the discretion of the Secretary, to make refund from his salary for leave already taken in excess of accrued leave.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture of veterinary biological products have been issued as follows for the year 1919, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196 and amendment):

| License No. | Date. | Name and address of firm. | Products. |
|-------------|---------|--|--|
| | 1918. | | |
| 1 | Dec. 31 | National Vaccine and Antitoxin Institute, 1515 U Street NW., Washington, D. C. | Tetanus antitoxin; tuberculin. |
| 2 | Dec. 20 | The Eagle Biological & Supply Co., Third Street and Central Avenue, Kansas City, Kans. | Antihog-cholera serum; hog-cholera virus. |
| 2-A | Dec. 20 | The Eagle Biological & Supply Co., 1845 Hickory Street, Oklahoma, Okla. | Do. |
| 4 | Dec. 30 | The Abbott Laboratories, 4739 Ravenswood Avenue, Chicago, Ill. | Antidistemper serum (canine); autogenous bacterin; bacillus-abortus bacterin (bovine); bacillus suissepticus bacterin; blackleg vaccine; canine-distemper bacterin (mixed); hemorrhagic-septicemia bacterin (bovine); joint-ill mixed bacterin (equine); mixed-infection bacterin (canine); polyvalent mixed bacterin (equine); staphylo-bacterin (canine); streptococcus-mastitis bacterin (bovine); strepto-bacterin (equine); white-scur mixed bacterin (bovine). |
| 6 | Dec. 20 | Pitman-Moore Co., near Zionsville, Ind... | Antihog-cholera serum; hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for swine); hog-cholera virus. |
| 7 | Dec. 20 | Midwest Serum Co., 4901 South Thirty-third Street, Omaha, Nebr. | Antihog-cholera serum; hog-cholera virus. |

| License No. | Date. | Name and address of firm. | Products. |
|-------------|------------------|--|--|
| 9 | 1918. Dec. 31 | Lederle Antitoxin Laboratories, Middle-town Road, Pearl River, N. Y. | Abortion bacterin (bovine); abortion vaccine (bovine); anthrax spore vaccine; antianthrax serum; antiblackleg serum; antihemorrhagic-septicemia serum (bovine); anti-influenza serum (equine); antiwhite-scur serum (bovine); blackleg filtrate; blackleg vaccine; canine-distemper mixed vaccine; colon vaccine (equine); equine-influenza mixed vaccine; hemorrhagic-septicemia combined vaccine (for cattle); hemorrhagic-septicemia combined vaccine (for sheep); hemorrhagic-septicemia combined vaccine (for swine); mallein; mixed bacterial vaccine (equine); mixed bacterial vaccine (for swine); rabies vaccine; staphylococcus combined vaccine (equine); streptococcus combined vaccine (equine); tetanus antitoxin; tuberculin. |
| 10 | Dec. 20 | The Wichita & Oklahoma Serum Co., Wabash and Twenty-first Streets, Wichita, Kans. | Antihog-cholera serum; hog-cholera virus. |
| 11 | ...do.... | Sioux Falls Serum Co., 2000 Wabash Avenue, Sioux Falls, S. Dak. | Do. |
| 12 | ...do.... | The Royal Serum Co., Adams and Osage Streets, Kansas City, Kans. | Do. |
| 13 | Dec. 23 | Omaha Serum Co., near Omaha, Nebr.... | Do. |
| 17 | Dec. 30 | Beebe Laboratories (Inc.), 161-163 West Third Street, St. Paul, Minn. | Abortion vaccine mixed (bovine); anti-calf-scur serum; anticanine-distemper serum; antiequine-influenza serum; calf-scur vaccine (mixed); canine-distemper vaccine (mixed); hemorrhagic-septicemia vaccine (for cattle); hemorrhagic-septicemia vaccine (for sheep); hemorrhagic-septicemia vaccine (for swine); mallein; mastitis vaccine mixed (for cattle); navel-ill vaccine mixed (for colts); normal horse serum; polyvalent vaccine mixed (equine); tetanus antitoxin; tuberculin. |
| 18 | Dec. 20 | The Stock Yards Serum Co., 211 Central Avenue, Kansas City, Kans. | Antihog-cholera serum; hog-cholera virus. |
| 21 | Dec. 26 | Continental Serum Laboratories Co., Isette Avenue and Bidwell Road, Muscatine, Iowa. | Abortus bacterin (bovine); anti-influenza bacterin mixed (equine); autogenic bacterin; blackleg filtrate; blackleg vaccine; blackleg virus; colon bacterin (bovine); hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia bacterin (for swine); mastitis bacterin mixed (bovine); navel-ill mixed bacterin (equine); polyvalent bacterin mixed (equine); mixed-infection bacterin (bovine); mixed-infection bacterin (swine). |
| 23 | Dec. 20 | The Missouri Valley Serum Co., 50 North Second Street, Kansas City, Kans. | Antihog-cholera serum; hog-cholera virus. |
| 24 | ...do.... | Sihler Serum Co., 208 Central Avenue, Kansas City, Kans. | Do. |
| 25 | ...do.... | Interstate Vaccine Co., 58 Greystone Avenue, Kansas City, Kans. | Do. |
| 26 | ...do.... | Kaw Valley Serum Co., Greystone Avenue and Perry Street, Kansas City, Kans. | Do. |
| 27 | ...do.... | The Simonson Serum Farm, near Hooper, Nebr. | Do. |
| 30 | ...do.... | Kansas Serum Co., corner Noon and Green Streets, Manhattan, Kans. | Do. |
| 32 | ...do.... | The Standard Serum Co., 11 South Second Street, Kansas City, Kans. | Do. |
| 34 | Dec. 23 | Peters National Serum Co., northwest corner South Second and Myers Avenue, Kansas City, Kans. | Do. |
| 37 | Dec. 20 | Sioux City Serum Co., 1319 Bluff Road, Sioux City, Iowa. | Do. |
| 39 | ...do.... | Purity Biological Laboratories, south o. Chicago Street, between C. & N. W. Ry. tracks and Missouri River, Sioux City, Iowa. | Do. |
| 39-A | Dec. 23 | Purity Biological Laboratories, corner Chambers and Chicago Streets, Sioux City, Iowa. | Blackleg aggressin; blackleg filtrate; hemorrhagic-septicemia vaccine (bovine); hemorrhagic-septicemia vaccine (bovine); mixed vaccine (for swine). |
| 40 | Dec. 31 | Cedar Rapids Serum Co., 123 Twenty-third Avenue West, Cedar Rapids, Iowa. | Antihog-cholera serum; hog-cholera virus. |

| License No. | Date. | Name and address of firm. | Products. |
|-------------|------------------|---|---|
| 41 | 1918. Dec. 26 | Kinsley Laboratories, rooms 401-403 New Center Building, Fifteenth and Troost Streets, Kansas City, Mo. | Antibortion bacterin (bovine); anti-white-scur mixed bacterin (bovine); autogenous bacterin; canine-distemper bacterin; colon bacterin (bovine); mixed bacterin (swine); polyvalent mixed bacteria (equine); staphylococcus combined bacterin (equine); streptococcus bacterin (equine); swine-plague bacterin. |
| 48 | Dec. 20 | The Swine Breeders' Pure Serum Co., near Thornton, Ind. | Antihog-cholera serum; hog-cholera virus. |
| 52 | ...do.... | The Cutter Laboratory, Fourth and Parker Streets, Berkeley, Cal. | Do. |
| 52 | Dec. 31 | The Cutter Laboratory, Seventh and Dwight Way, Sixth and Grayson Streets, Berkeley, Cal. | Anthrax vaccine; anthrax spore vaccine; antianthrax serum; antiblackleg serum; anticalf-scur serum; anticanine-distemper serum; antihemorrhagic-septicemia serum (bovine); autogenous vaccine; blackleg aggressin; blackleg filtrate; blackleg vaccine; calf-scur mixed vaccine; canine-distemper vaccine; canine-distemper mixed vaccine; hemorrhagic-septicemia vaccine (bovine); hemorrhagic-septicemia vaccine (sheep); hemorrhagic-septicemia vaccine (swine); influenza mixed vaccine (equine); mallein; mastitis mixed vaccine (bovine); mixed-infection vaccine (swine); navel-ill mixed vaccine (equine); pneumonia mixed vaccine (equine); polyvalent mixed vaccine (equine); staph-strep-coli vaccine (equine); streptococcic vaccine (equine); tetanus antitoxin; tuberculin. |
| 56 | Dec. 20 | The Southwestern Serum Co., Twenty-first and Lawrence Streets, Wichita, Kans. | Antihog-cholera serum; hog-cholera virus. |
| 61 | ...do.... | Guilfoil Serum Co., 18-22 North Second Street, Kansas City, Kans. | Do. |
| 63 | ...do.... | The Eli Lilly & Co., 210 East McCarty Street, Indianapolis, Ind. | Rabies virus; tetanus antitoxin. |
| 67 | ...do.... | Shelton Serum Co., Shelton, Nebr. | Antihog-cholera serum; hog-cholera virus. |
| 68 | ...do.... | J. McL. Phillips, 2057 North High Street, Columbus, Ohio. | Rabies vaccine. |
| 69 | ...do.... | Southern Serum Co., Springfield Road, Westplains, Mo. | Antihog-cholera serum; hog-cholera virus. |
| 70 | ...do.... | The St. Joseph Veterinary Laboratories, 1502 Garfield Avenue, St. Joseph, Mo. | Do. |
| 72 | ...do.... | Central Missouri Serum Co., East Eastwood Avenue, Marshall, Mo. | Do. |
| 74 | ...do.... | Ralston Serum Co., Seventy-seventh Street and Serum Avenue, Ralston, Nebr. | Do. |
| 75 | Dec. 31 | Dr. Chas. L. Rea Serum Co., Lyons Avenue and Water Street, Kansas City, Kans. | Do. |
| 77 | Dec. 20 | Corn Belt Serum Co., 215 Winstanley Avenue, East St. Louis, Ill. | Do. |
| 78 | ...do.... | Regents, University of California, foot of Sixty-sixth Street, Oakland, Cal. | Do. |
| 83 | ...do.... | E. R. Squibb & Sons, Georges Road, New Brunswick, N. J. | Anticanine-distemper serum; antiequine-influenza serum; antihog-cholera serum; antirabic virus; canine distemper vaccine; mallein; tetanus antitoxin; tuberculin. |
| 84 | ...do.... | Grain Belt Supply Co., 3215 L Street, Omaha, Nebr. | Antihog-cholera serum; hog-cholera virus. |
| 85 | ...do.... | The Western Laboratories, French Camp, Cal. | Do. |
| 91 | ...do.... | Gregory Farm Laboratory, White Hall, Ill. | Do. |
| 99 | ...do.... | The Corn States Serum Co., 4420 U Street, Omaha, Nebr. | Do. |
| 102 | ...do.... | The Lathrop Serum Co., Lathrop, Mo. | Do. |
| 103 | ...do.... | Fowler Serum Co., 335 North James Street, Second Street and Splitlog Avenue, Kansas City, Kans. | Do. |
| 104 | Dec. 21 | Swan-Myers Co., 219 North Senate Avenue, Indianapolis, Ind. | Abortion bacterin (bovine); bovine hemorrhagic-septicemia bacterin; canine-distemper bacterin (mixed); equine-colon bacterin; equine-influenza bacterin (mixed); equine-pneumonia bacterin (mixed); equine staphylococcus aureus and albus bacterin; mixed-infection bacterin (for swine); navel-infection mixed bacterin (equine); polyvalent mixed bacterin (equine); swine-plague bacterin; white-scur mixed bacterin (bovine). |

| License No. | Date. | Name and address of firm. | Products. |
|-------------|------------------|---|---|
| 107 | 1918. Dec. 20 | Jensen-Salsbery Laboratories (Inc.), 1320 Main Street, Kansas City, Mo. | Antiequine-influenza bacterin (mixed); autogenous bacterin; blackleg vaccine; bovine-abortion bacterin; canine-distemper bacterin (mixed); colon bacterin (equine); equine-abortion bacterin; hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (ovine); mallein; mixed bacterin (canine); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); pneumonia mixed bacterin (equine); polyvalent mixed bacterin (equine); staphylococcus bacterin (canine); streptococcus bacterin (equine); streptococcus-mastitis bacterin (bovine); swine-plague bacterin; tuberculin; white-scur mixed bacterin (bovine). |
| 108 | ...do.... | Universal Serum Co., 101 St. Clair Avenue, East St. Louis, Ill. | Antihog-cholera serum; hog-cholera virus. |
| 110 | ...do.... | American Serum Co., 2117 Leech Street, Sioux City, Iowa. | Do. |
| 111 | ...do.... | Blue Cross Serum Co., Superior, Nebr. | Do. |
| 112 | ...do.... | Fort Dodge Serum Co., near Fort Dodge, Iowa. | Do. |
| 113 | ...do.... | Bureau of Laboratories, department of health, foot of East Sixteenth Street, New York City, N. Y. | Tetanus toxin. |
| 114 | ...do.... | White Serum Co., 1317-1319 Adams Street, Nashville, Tenn. | Antihog-cholera serum; hog-cholera virus. |
| 115 | ...do.... | The Denver Hog Ranch Co., 5030 York Street, Denver, Colo. | Do. |
| 116 | Dec. 26 | Ottumwa Serum Co., Ottumwa, Iowa. | Do. |
| 117-A | Dec. 20 | The Kansas Blackleg Serum Co., Second and Munroe Streets North, Amarillo, Tex. | Blackleg aggressin. |
| 119 | ...do.... | The Gilliland Laboratories, Willow Avenue, Ambler, Pa. | Antirabic vaccine; tuberculin. |
| 120 | ...do.... | The United States Blackleg Serum Co., 3500 West Tenth Street, Oklahoma, Okla. | Blackleg aggressin. |
| 124 | ...do.... | Anchor Serum Co., South St. Joseph, Mo. | Antihog-cholera serum; hog-cholera virus. |
| 125 | ...do.... | Aurora Serum Co., Aurora, Ill. | Do. |
| 126 | ...do.... | Hamilton Chemical Co., near Noblesville, Ind. | Do. |
| 127 | ...do.... | Liberty Laboratories, Seventy-seventh and Serum Streets, Ralston, Nebr. | Do. |
| 129 | ...do.... | The Eagle Laboratories, Sixth Street and Minnesota Avenue, Kansas City, Kans. | Autogenous vaccine; contagious-abortion bacterin (bovine); equine-influenza bacterin (mixed); hemorrhagic-septicemia combined bacterin (bovine); mixed-infection bacterin (bovine); mixed-infection bacterin (equine); mixed-infection bacterin (swine); staphylococcus bacterin (bovine); staphylococcus bacterin (equine); staphylococcus bacterin (swine); swine-plague bacterin. |
| 130 | ...do.... | The F. R. Alexander Clear Serum Co., Grand Avenue and Twenty-first Street, Kansas City, Mo. | Antihog-cholera serum. |
| 131 | Dec. 23 | The Fostoria Serum Co., Columbus Avenue, Fostoria, Ohio. | Antihog-cholera serum; hog-cholera virus. |
| 133 | Dec. 31 | The National Vaccine and Serum Co., 501 East Las Vegas Street, Colorado Springs, Colo. | Abortion bacterin (bovine); blackleg aggressin; blackleg filtrate. |
| 134 | Dec. 30 | Dr. D. L. Harris's Laboratory, 703-706 Metropolitan Building, Grand and Olive Streets, St. Louis, Mo. | Rabies vaccine. |

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH THE VARIOUS STATES, NOVEMBER, 1918.

| Station. | State. | Tuberculin tests. | | | | | Em- ployees. | | Inspector in charge. |
|----------------------|----------------------|-------------------|----------------|----------|--------------|--|-----------------|--------|----------------------|
| | | Lots or herds. | Cattle tested. | Reacted. | Slaughtered. | Increase in num- ber tested over previous month. | Bureau. | State. | |
| Albany, N. Y. | New York | 11 | 398 | 5 | 21 | 78 | 1 | 1 | Dr. H. B. Leonard. |
| Atlanta, Ga. | Georgia | 15 | 789 | 25 | 14 | 256 | 2 | 1 | Dr. W. M. MacKellar. |
| Birmingham, Ala. | Alabama | 313 | 1,396 | 25 | 2 | 17 | 1 | 1 | Dr. R. E. Jackson. |
| Boston, Mass. | Maine | 31 | 340 | 6 | 6 | ..... | 2 | 2 | Dr. E. A. Crossman. |
| | Massachusetts | 11 | 386 | 16 | 28 | ..... | 3 | ..... |  |
| | Rhode Island | 1 | 2 | 2 | ..... | ..... | 1 | ..... |  |
| | New Hampshire | 4 | 81 | 3 | ..... | ..... | 1 | ..... |  |
| | Connecticut | 8 | 187 | 23 | 11 | 148 | 1 | 1 | |
| Chicago, Ill. | Illinois | 59 | 1,250 | 81 | 98 | 40 | 5 | 2 | Dr. J. J. Lintner. |
| Columbia, S. C. | South Carolina | 10 | 253 | 8 | 37 | ..... | 1 | 1 | Dr. W. K. Lewis. |
| Denver, Colo. | Colorado | 2 | 10 | 3 | ..... | ..... | ..... | ..... | Dr. W. E. Howe. |
| | Wyoming | 522 | 2,944 | 11 | 2 | 858 | 1 | 1 | |
| Des Moines, Iowa | Iowa | 12 | 502 | 34 | 1 | 248 | 3 | 2 | Dr. F. H. Thompson. |
| Harrisburg, Pa. | Pennsylvania | 27 | 233 | 8 | 2 | ..... | 1 | 2 | Dr. F. E. Quinn. |
| Indianapolis, Ind. | Indiana | 22 | 702 | 11 | 20 | 32 | 9 | 5 | Dr. J. E. Gibson. |
| | Wisconsin | 13 | 428 | 4 | ..... | 126 | 2 | 5 | |
| | Kentucky | 24 | 431 | 11 | 2 | 198 | 4 | 3 | |
| | Ohio | 33 | 376 | 26 | 8 | ..... | 5 | 5 | |
| Jackson, Miss. | Mississippi | 77 | 706 | 12 | 16 | 254 | 3 | ..... | Dr. J. A. Barger. |
| Kansas City, Kans. | Kansas | 22 | 1,061 | 80 | ..... | 980 | ..... | ..... | Dr. T. J. Eagle. |
| Lansing, Mich. | Michigan | 19 | 606 | 24 | 14 | ..... | 4 | 1 | Dr. T. S. Rich. |
| Nashville, Tenn. | Tennessee | 26 | 1,109 | 33 | 20 | 519 | 4 | 1 | Dr. W. B. Lincoln. |
| New Orleans, La. | Louisiana | 22 | 586 | 33 | 15 | 386 | 2 | ..... | Dr. R. W. Tuck. |
| Omaha, Nebr. | Nebraska | 7 | 105 | ..... | 16 | ..... | 4 | 1 | Dr. H. Busman. |
| Portland, Oreg. | Oregon | 14 | 223 | 6 | ..... | ..... | 1 | 1 | Dr. S. B. Foster. |
| | Washington | 6 | 803 | 5 | 2 | 654 | 1 | 3 | |
| Richmond, Va. | Virginia | 60 | 1,293 | 31 | 31 | 10 | 7 | 1 | Dr. R. E. Brookbank. |
| | North Carolina | 21 | 349 | 1 | 2 | ..... | 2 | 1 | |
| St. Albans, Vt. | Vermont | 56 | 1,575 | 197 | 141 | 844 | 6 | 3 | Dr. A. J. De Fosset. |
| St. Paul, Minn. | Minnesota | 29 | 1,164 | 26 | ..... | ..... | 10 | 4 | Dr. W. J. Fretz. |
| | Do | 54 | 1,043 | 99 | ..... | ..... | ..... | ..... |  |
| | Montana | 28 | 689 | 17 | ..... | ..... | 2 | 4 | |
| | North Dakota | 50 | 636 | 19 | ..... | 14 | 2 | 5 | |
| | South Dakota | 16 | 440 | 14 | ..... | 110 | 1 | 2 | |
| Salt Lake City, Utah | Utah | 25 | 252 | 5 | ..... | ..... | 4 | 2 | Dr. F. E. Murray. |
| | Idaho | 6 | 223 | 2 | ..... | 176 | 1 | ..... |  |
| Tallahassee, Fla. | Florida | 9 | 201 | 1 | 1 | 14 | 3 | 1 | Dr. J. G. Fish. |
| Trenton, N. J. | New Jersey | 3 | 393 | 3 | 3 | 290 | 1 | ..... | Dr. W. G. Middleton. |
| | Delaware | 3 | 308 | 10 | ..... | 243 | ..... | ..... |  |
| Washington, D. C. | Distriet of Columbia | 12 | 98 | 3 | 3 | 41 | 1 | ..... | Dr. J. A. Kiernan. |
| | Maryland | 33 | 401 | 114 | 94 | ..... | 5 | ..... |  |
| | Miscellaneous | 13 | 32 | ..... | ..... | ..... | 1 | ..... |  |
| Total | | 1,739 | 24,994 | 1,033 | 611 | ..... | 115 | 61 | |

NOTE.—The first line of Minnesota is accredited herds, the second, area work.

STATUS OF TICK ERADICATION IN VARIOUS STATES, NOVEMBER, 1918.

| State. | Dipped. | | Sprayed. | | Amount of infection. | | Square miles being worked. | B. A. I. inspectors. | State inspectors. | County inspectors. | Vats available. |
|-------------------------|---------|-----------|----------|---------|----------------------|---------|----------------------------|----------------------|-------------------|--------------------|-----------------|
| | Herds. | Cattle. | Herds. | Cattle. | Herds. | Cattle. | | | | | |
| Alabama..... | 29,086 | 235,925 | ..... | ..... | 125 | 2,510 | 40,918 | 23 | 23 | 171 | 5,762 |
| Arkansas..... | 14,964 | 82,471 | ..... | ..... | 2,036 | 10,966 | 17,763 | 42 | 6 | 26 | 3,030 |
| Florida..... | 488 | 85,983 | ..... | ..... | 416 | 85,612 | 50,032 | 16 | 41 | 27 | 878 |
| Georgia..... | 8,103 | 100,069 | 252 | 1,582 | 90 | 301 | 32,987 | 23 | 23 | 81 | 1,870 |
| Louisiana..... | 115,645 | 946,409 | ..... | ..... | 4,711 | 17,601 | 45,059 | 54 | 34 | 408 | 4,401 |
| Mississippi..... | 27,938 | 287,210 | ..... | ..... | 220 | 933 | 35,095 | 26 | 18 | 210 | 5,863 |
| North Carolina..... | 453 | 2,358 | 645 | 2,536 | 507 | 2,537 | 10,901 | 14 | 23 | 3 | 482 |
| Oklahoma..... | 30,342 | 323,963 | 128 | 2,213 | 619 | 12,561 | 25,424 | 17 | 19 | 72 | 1,077 |
| South Carolina..... | 56 | 4,865 | 96 | 1,518 | 17 | 85 | 15,811 | 19 | 7 | ..... | 786 |
| Texas (Fort Worth)..... | 7,086 | 169,971 | ..... | ..... | 301 | 11,203 | 56,372 | 30 | 27 | 65 | 2,668 |
| Texas (Houston)..... | 4,766 | 119,990 | ..... | ..... | 1,821 | 50,273 | 34,391 | 24 | 2 | 13 | 900 |
| Total..... | 238,927 | 2,369,244 | 1,121 | 7,849 | 10,863 | 194,582 | 364,762 | 288 | 223 | 1,076 | 27,717 |

RESULTS OF PROSECUTIONS FOR VIOLATION OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Live-Stock Quarantine Law.

W. R. Sullivan, H. M. Warfield, and L. M. Williams, receivers of Georgia & Florida Railway, \$100 fine.

Gulf, Colorado & Santa Fe Railway, \$100 fine and \$9.65 costs.

C. E. Schaff, receiver of Missouri, Kansas & Texas Lines (5 cases), \$500 fines.

L. Southlin, \$100 fine.

J. F. Findlay, \$100 fine.

J. W. Leigh, \$100 fine.

Mobile & Ohio Railroad (5 cases), \$500 fines and \$73.10 costs.

Twenty-Eight-Hour Law.

Louisville & Nashville Railroad, \$100 fine and \$93.90 costs.

Wabash Railway, \$100 fine and \$13.55 costs.

Norfolk & Western Railway (4 cases), \$400 fines and \$11.25 costs.

NEW FORM T-12 REPORT.

The bureau has prepared a new Form T-12 report, which will facilitate reporting the use of scrip and must be followed exclusively. This form should be used in preference to the one given on page 76 of Service and Regulatory Announcements for September, 1918.

Statement of scrip detached from Book No. 3191, issued by the S. A. L. R. R., Form U. S. S., purchased in the name of J. B. Smith and used by J. B. Smith during December, 1918.

Furnish all information called for below and submit this report in duplicate.

| Date. | Stations. | | Railroad. | Coupon numbers. | | Amount of coupons detached. | |
|-------|-----------------------------|--------------------------|--------------|-----------------|-------|-----------------------------|----------|
| | From— | To— | | From— | To— | 3¢ cpns. | 1¢ cpns. |
| | Previously carried forward. | | | | | 93 | ..... |
| 1 | Tallahassee, Fla..... | Jacksonville and return. | S. A. L..... | 96 | 846 | 7.53 | ..... |
| 19 | do..... | Live Oak, Fla..... | S. A. L..... | 849 | 1,101 | 2.55 | ..... |
| 20 | Live Oak, Fla..... | Newberry, Fla..... | A. C. L..... | 1,104 | 1,293 | 1.92 | .02 |
| 23 | Newberry, Fla..... | Live Oak, Fla..... | A. C. L..... | 1,296 | 1,473 | 1.80 | ..... |
| 23 | Live Oak, Fla..... | Tallahassee, Fla..... | S. A. L..... | 1,476 | 1,725 | 2.52 | ..... |
| | Total..... | | | | | 17.25 | .02 |

The last two columns must be totaled.

PERMITTED DISINFECTANT.

In accordance with the provisions of the department regulations governing the interstate movement of live stock (B. A. I. Order 245), the bureau has granted permission for the use of "Roger's 50% Cresol Solution Revised," manufactured by the Detroit White Lead Works of Chicago, Ill., as a substitute for compound solution of cresol, U. S. P., in the general disinfection of cars, yards, and other premises.

PUBLICATIONS IN DECEMBER.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 913. Killing Hogs and Curing Pork. By F. G. Ashbrook and G. A. Anthony, Animal Husbandry Division. Pp. 40, figs. 22.

Report of the Chief of the Bureau of Animal Industry [for the fiscal year ended June 30, 1918]. Dated September 28, 1918. Pp. 63.

Amendment 1 to B. A. I. Order 262. Correcting error in the description of the Quarantined Area of Oklahoma. Pp. 1.

A Multiple Pipette Holder for the Distribution of Serum for the Complement-Fixation Test. By Francois H. Reynolds, Pathological Division. In Journal of Agricultural Research, Vol. XV, No. 11, December 16, 1918. P. 615-619.

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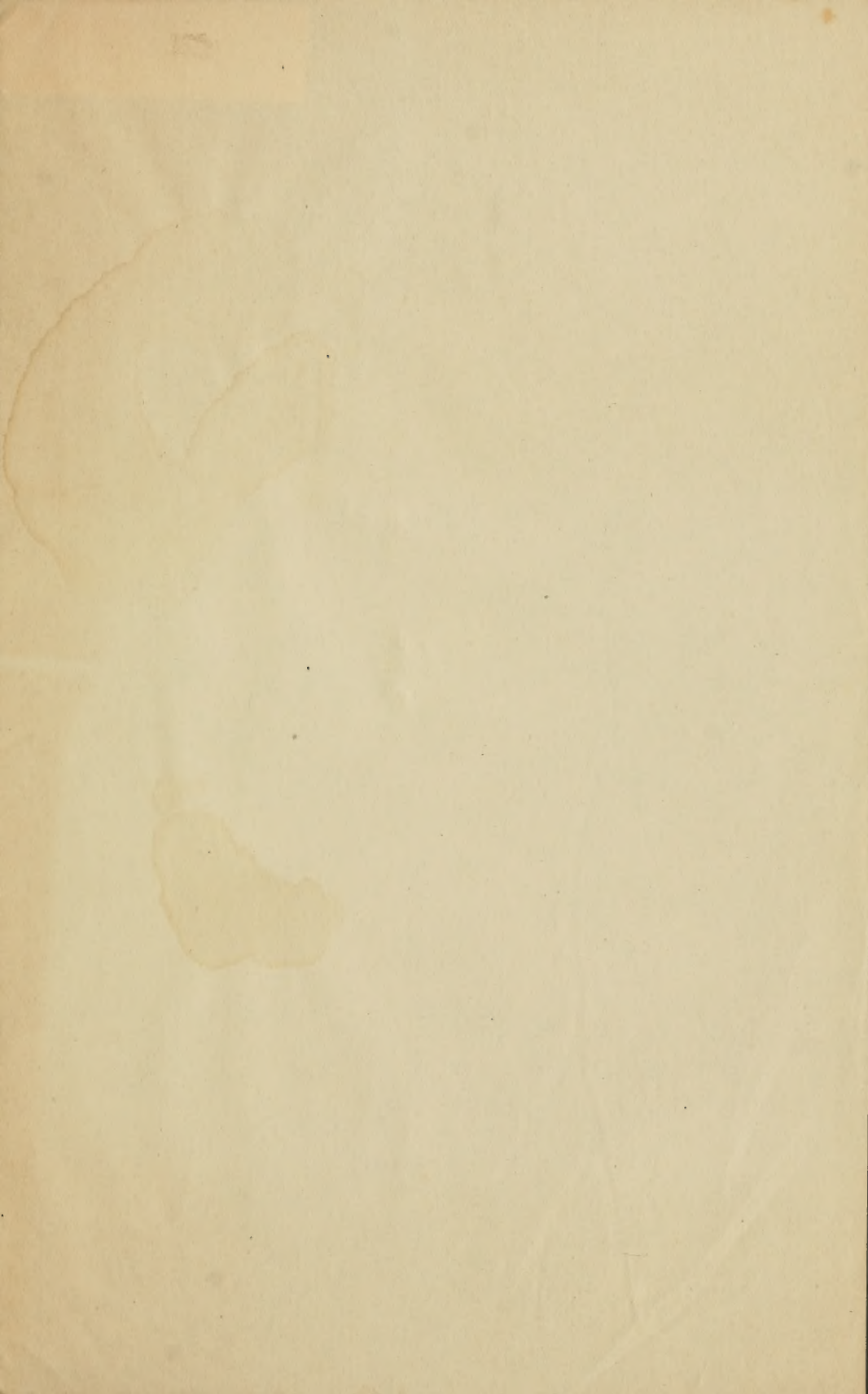
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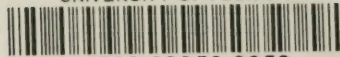
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